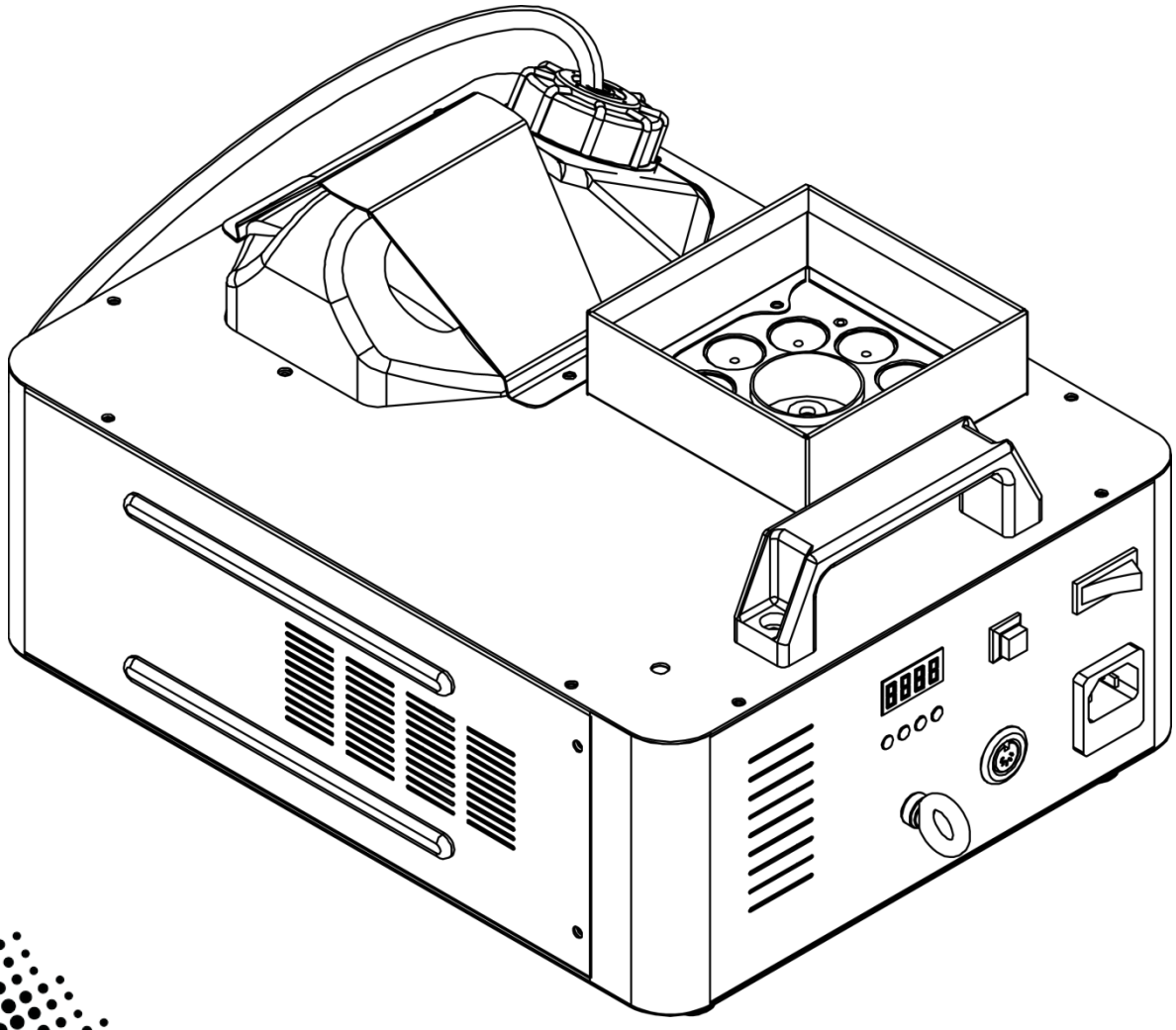
GEYSER™ RGB JR

User Manual



CHAUVET DJ

It's Green Thinking

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1. BEFORE YOU BEGIN

What is Included

- Geyser™ RGB Jr.
- Geyser™ Wireless Remote Control
- Geyser™ Wired Remote Receiver
- Power Cord
- Warranty Card
- Quick Reference Guide

Unpacking Instructions

Carefully unpack the product immediately and check the container to make sure all the parts are in the package and are in good condition.

Claims

If the box or the contents (the product and included accessories) appear damaged from shipping, or show signs of mishandling, notify the carrier immediately, not Chauvet. Failure to report damage to the carrier immediately may invalidate your claim. In addition, keep the box and contents for inspection.

For other issues, such as missing components or parts, damage not related to shipping, or concealed damage, file a claim with within 7 days of delivery.

Text Conventions

Convention	Meaning
1–512	A range of values
50/60	A set of values of which only one can be chosen
Settings	A menu option not to be modified
Menu > Settings	A sequence of menu options to be followed
<ENTER>	A key to be pressed on the product's control panel
ON	A value to be entered or selected

Symbols

Symbol	Meaning
	Critical installation, configuration, or operation information. Not following these instructions may make the product not work, cause damage to the product, or cause harm to the operator.
	Important installation or configuration information. The product may not function correctly if this information is not used.
	Useful information.

Disclaimer

The information and specifications contained in this User Manual are subject to change without notice. assumes no responsibility or liability for any errors or omissions, and reserves the right to revise or recreate this manual at any time. Download the latest version from www.chauvetlighting.com.

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Electronically published by Chauvet in the United States of America.

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Product at a Glance

Use on Dimmer	X	Auto Programs	P
Outdoor Use	X	Fixed voltage (120 V or 230 V)	P
Sound-Activated	X	Replaceable Fuse	P
DMX	X	User-Serviceable	X
Master/Slave	X		

Safety Notes

These notes include important information about the mounting, usage, and maintenance of this product; read before using the product.

- Always connect the product to a grounded circuit to avoid the risk of electrocution.
- Always disconnect the product from the power source before cleaning or replacing the fuse.
- Avoid direct eye exposure to the light source while the product is on.
- Make sure the power cord is not crimped or damaged.
- Never disconnect the product from power by pulling or tugging on the cord.
- If mounting the product overhead, always secure to a fastening device using a safety cable.
- Make sure there are no flammable materials close to the product when operating.
- Do not touch the product's housing when operating because it may be very hot.
- Do not mount the product on a flammable surface (linoleum, carpet, wood, paper, carton, plastic, etc.).
- The product's nozzle is very hot during operation and it remains hot for a long time after operation has stopped.
- The fog exits the nozzle at a very high temperature. Keep a minimum distance of 6.5 ft (2 m) from the nozzle to the nearest object.
- Do not use the product as a space heater.
- Do not drink or become in contact with the fog fluid. If you do, call your local emergency service (911 in the US) for help.
- Do not add perfume, alcohol, gasoline, or any other flammables to the fog fluid.

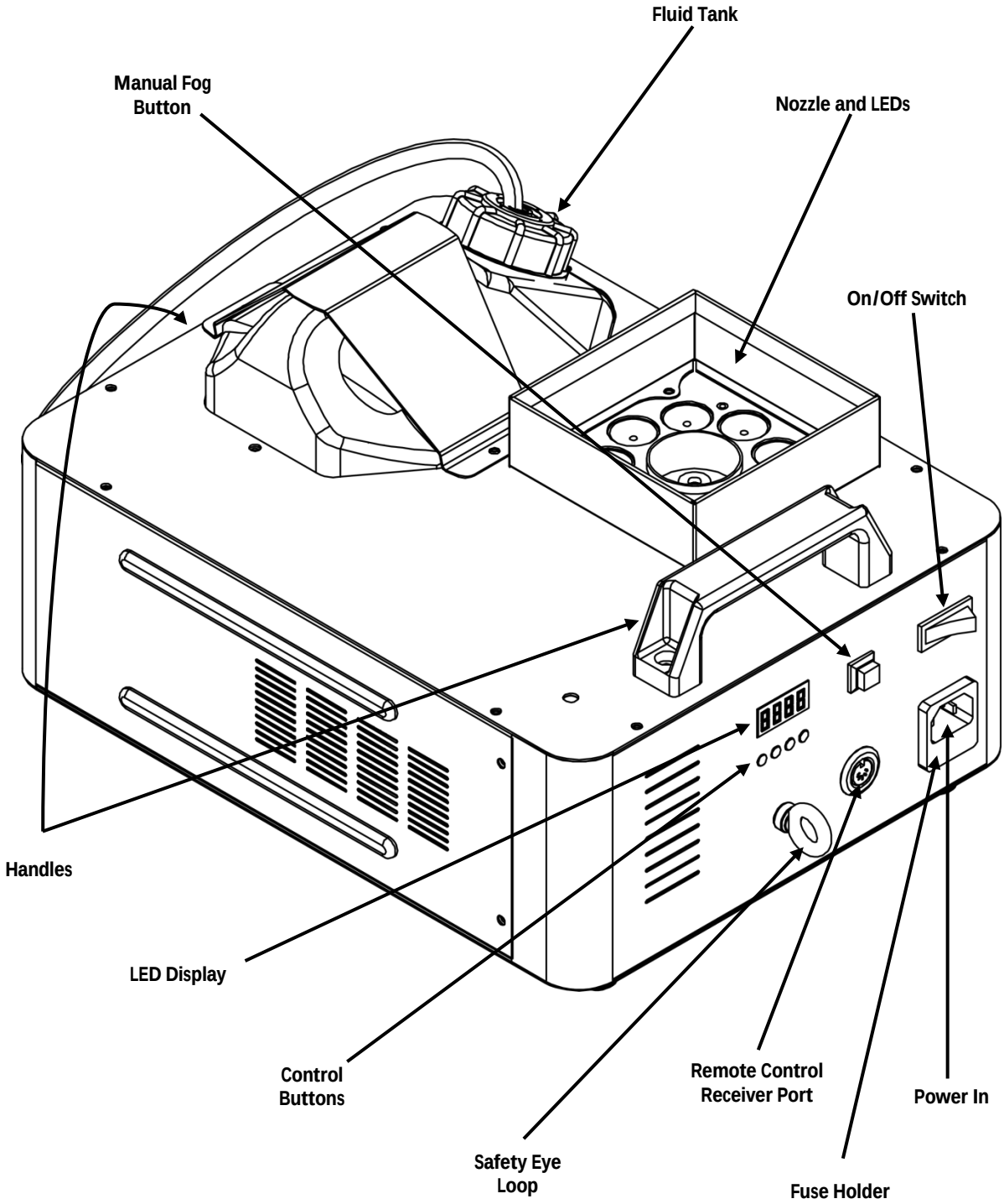
- Always make sure that the voltage of the outlet to which you are connecting the product is within the range stated on the decal or panel of the product.
- The product is for indoor use only! (IP20) To prevent risk of fire or shock, do not expose the product to rain or moisture.
- Always install the product in a location with adequate ventilation, at least 20 in (50 cm) from adjacent surfaces.
- Be sure that no ventilation slots on the product's housing are blocked.
- Make sure there is adequate fog fluid in the machine to prevent pump and heater damage.
- Never connect the product to a dimmer.
- Make sure to replace the fuse with another of the same type and rating.
- Never carry the product by the power cord or any moving part. Always use the handles.
- The maximum ambient temperature (Ta) is 104 °F (40 °C). Do not operate the product at higher temperatures.
- In the event of a serious operating problem, stop using the product immediately.
- Never try to repair the product. Repairs carried out by unskilled people can lead to damage or malfunction. Contact the nearest authorized technical assistance center.
- This product is not intended for permanent installation.
- Use only CHAUVET® water-based fog fluid.
- Drain the tank before transporting the product.
- To eliminate unnecessary wear and improve its lifespan, during periods of non-use completely disconnect the product from power via breaker or by unplugging it.

- Keep this User Manual for future use. If you sell the product to another user, be sure to give this document to the next owner.

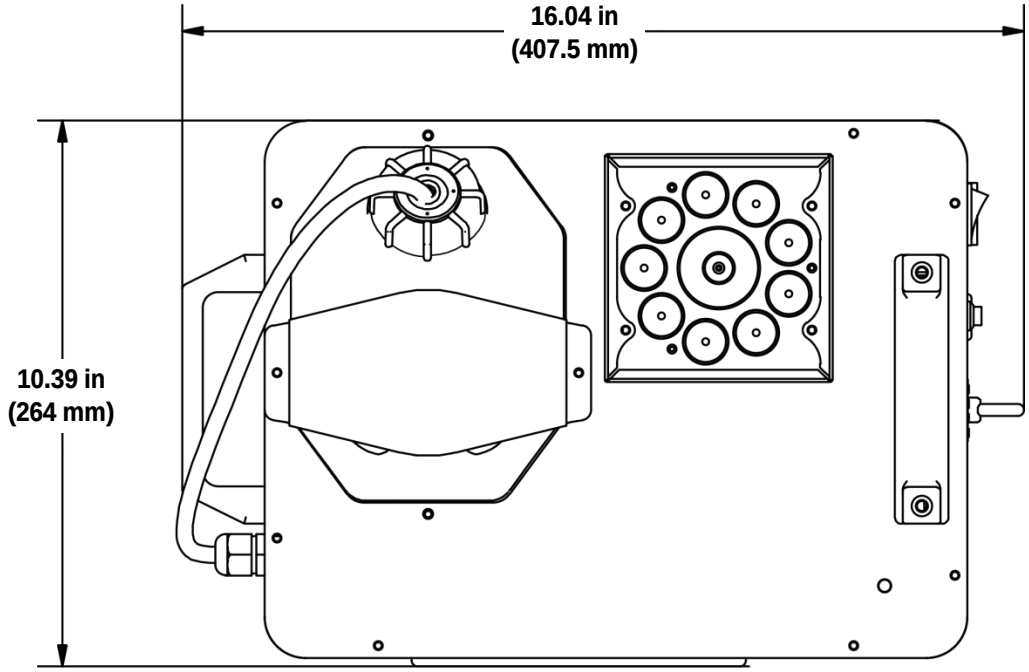
- Fog Cleaner Quart (FCQ) was specifically developed by Chauvet to clean your Geyser™ RGB Jr. Make sure you use FCQ regularly, no longer than 90 days between cleanings, to increase the life of your fogger.

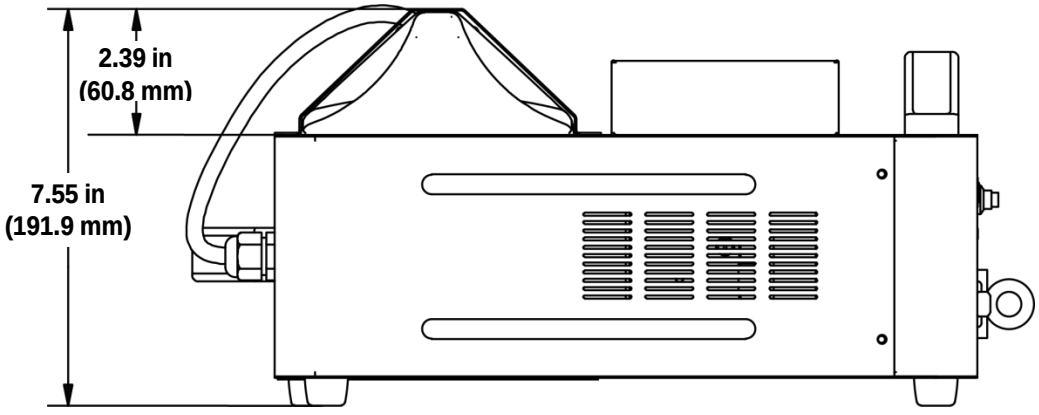
2. INTRODUCTION

Overview



Dimensions





3. SETUP

AC Power

The Geyser™ RGB Jr. has a fixed voltage power supply and it can work with an input voltage of either 120 VAC, 60 Hz or 230 VAC, 50 Hz, depending on the specific model.

To determine the product's power requirements (circuit breaker, power outlet, and wiring), use the current value listed on the label affixed to the product's panel, or refer to the product's specifications chart. The listed current rating indicates the product's average current draw under normal conditions.

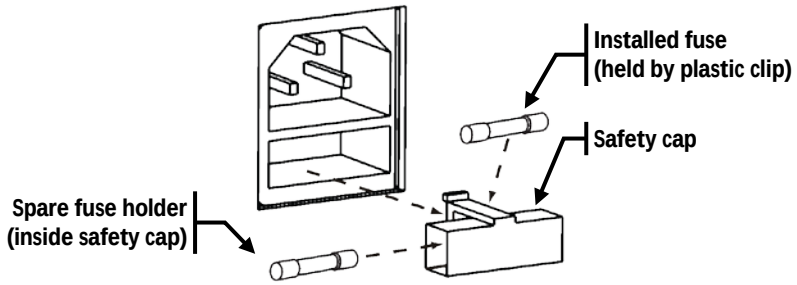
Always connect the product to a protected circuit (circuit breaker or fuse). Make sure the product has an appropriate electrical ground to avoid the risk of electrocution or fire.

Never connect the product to a rheostat (variable resistor) or dimmer circuit, even if the rheostat or dimmer channel serves only as a 0–100% switch.

Fuse Replacement

Disconnect the product from power before replacing the fuse.

1. Disconnect the product from power.
2. Wedge the tip of a flat-head screwdriver into the slot of the fuse holder.
3. Pry the fuse holder out of the housing.
4. Remove the blown fuse from the holder.
5. Replace with a fuse of the exact same type and rating.
6. Insert the fuse holder back in place and reconnect power.



A spare fuse is not included; however, the safety cap has room for a spare.

Always replace a blown fuse with another of the same type and rating.

Mounting

Before mounting the product, read and follow the safety recommendations indicated in the Safety Notes.

Orientation

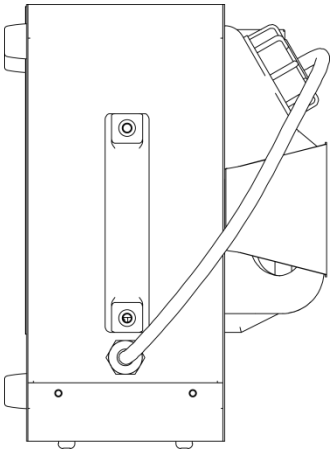
Primarily, the Geyser™ RGB Jr. is to be floor mounted in a vertical fog jet orientation. Alternatively, it may also be mounted in a floor mounting/horizontal fog jet orientation or in an overhead mounting/downward fog jet orientation; however, be sure to follow instructions closely to avoid tank spills with alternate mountings.

When mounting the Geyser™ RGB Jr. in any inverted position, remove the fluid tank from the holder and set it upright on an adjacent surface.

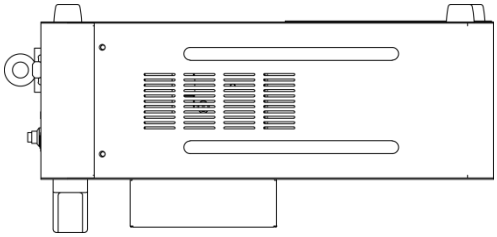
Rigging

- Before deciding on a location, always make sure there is easy access to the product for maintenance and fluid replenishment.
- Make sure that the structure or surface onto which you are mounting the product can support the product's weight (see the Technical Specifications).
- When mounting the product overhead, always use a safety cable. Mount the product securely to a rigging point, such as an elevated platform or a truss.
- When rigging the product onto a truss, you should use mounting clamps of appropriate weight capacity. Two threaded mounting holes (size M12) are on the bottom of the product, which are appropriate for this purpose.
- The rubber feet also serve as floor supports. When mounting the product on the floor, make sure that the product and cables are away from people and vehicles.

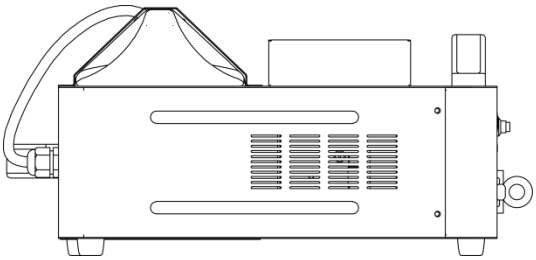
Floor Mounting



Floor Mounting
Horizontal Fog Jet

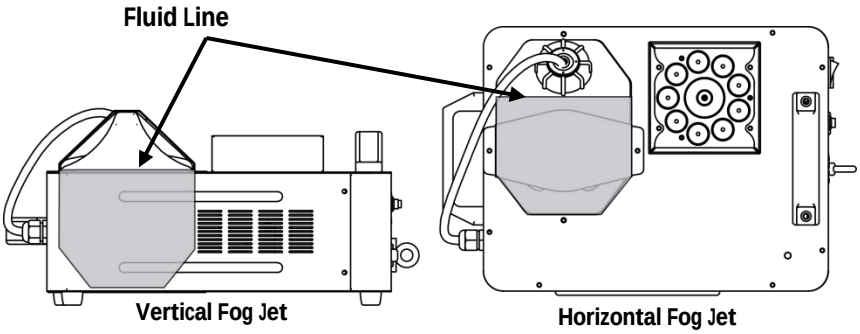


Overhead Mounting – Downward Fog Jet



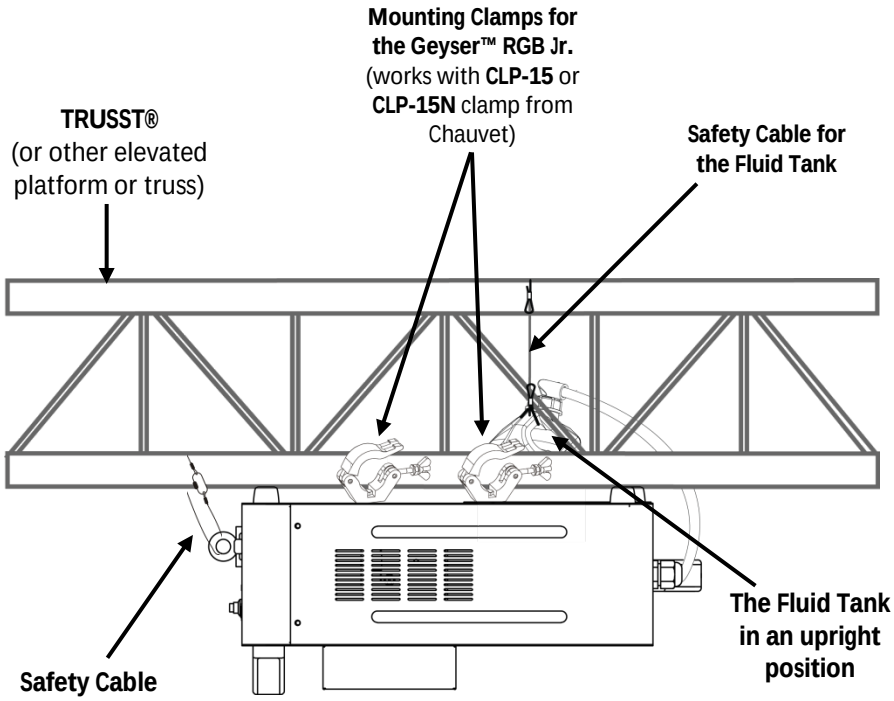
Floor Mounting – Vertical Fog Jet

Fluid Tank Position



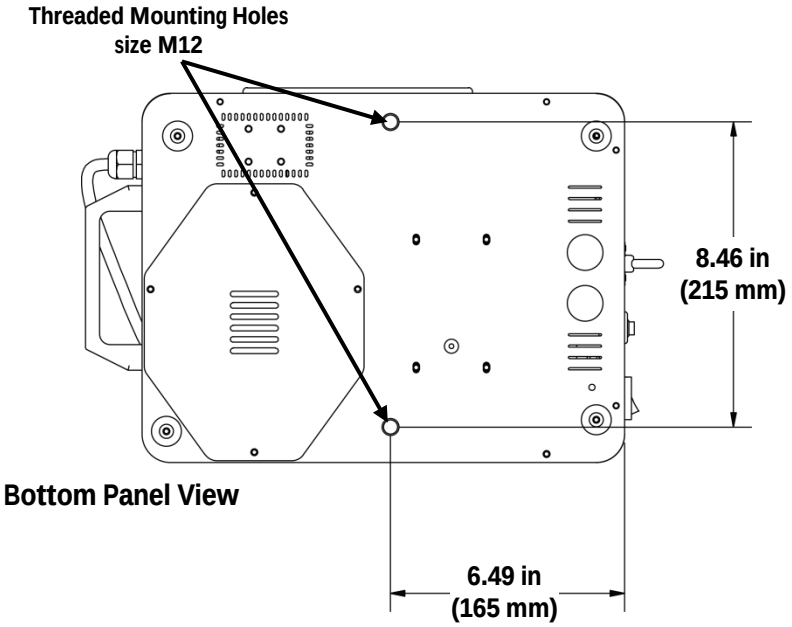
To avoid spillage with any mounting, always position the fluid tank with the tank's cap in the uppermost position above the tank's fluid line.

Alternate Inverted Truss Mounting


Mounting Clamps for the Geyser™ RGB Jr.
(works with CLP-15 or CLP-15N clamp from Chauvet)
TRUSST®
(or other elevated platform or truss)
Safety Cable for the Fluid Tank
The Fluid Tank in an upright position
Safety Cable

Overhead Mounting – Downward Fog Jet

With inverted mounting, avoid spillage of the fog fluid by setting the fluid tank in an upright position. Be sure to use a safety cable for both the Geyser™ RGB Jr. and the fluid tank when rigging in this manner.

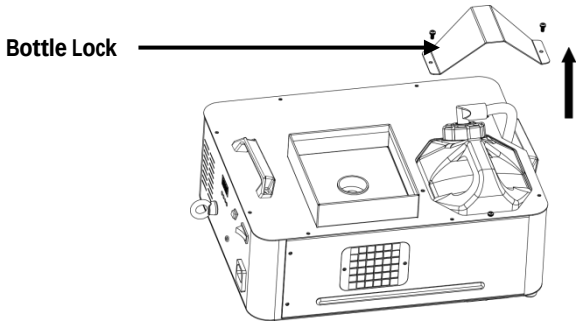


Bottom Panel View

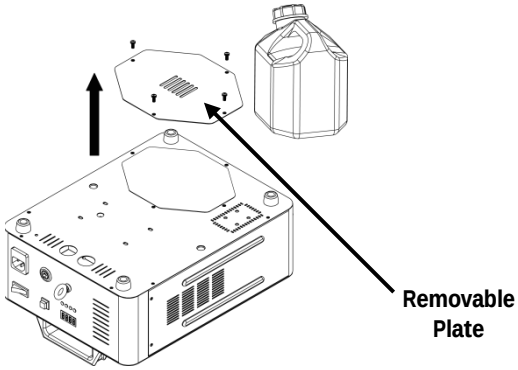
The dimensions shown for the mounting hole positions are included here to aid in installation.

Tank Inversion for Inverted Mounting

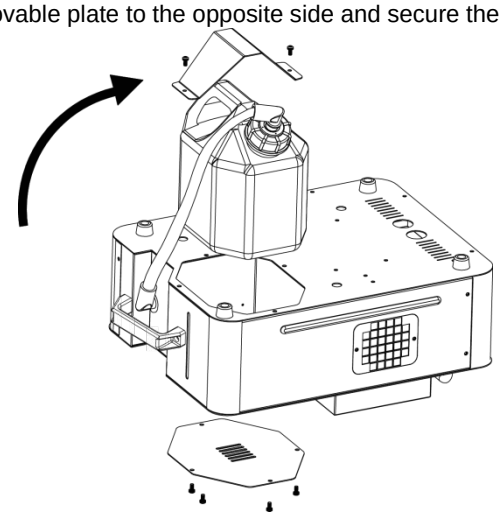
1. Remove the screws and the bottle lock to take out the tank.



2. Turn the fog machine upside down and remove the screws to take off the removable plate.



3. Attach the removable plate to the opposite side and secure the tank with the bottle lock.



4. OPERATION

Control Panel Operation

To access the control panel functions, use the four buttons located underneath the display.

Button	Function
<MENU>	Selects an operation mode or to backs out of the current menu option
<UP>	Scrolls up the list of options or selects a higher value
<DOWN>	Scrolls down the list of options or selects a lower value
<ENTER>	Activates a menu option or a selected value

Menu Map

Mode	Programming Steps		Description
Color Program	**CH-1–CH-4**	**oFF**	Color program off (default)
		rAnd	Selects preset color program
		Co 1–Co 9	Selects preset colors
Fluid Sensor	**orL**	**on**	Selects fluid sensor to on or off
		oFF	

The Geyser™ RGB Jr. Wireless Remote Control buttons 1–4 trigger the options set in the color programs CH-1–CH-4, respectively.

Configuration (Standalone)

Set the product without a DMX controller.

1. Connect the product to a suitable power outlet.
2. Turn the product on.

Wireless Remote Control

To trigger fog output and activate the color program using the wireless remote control, do the following:

1. Plug the wireless receiver into the Remote Control Receiver port on the side of the Geyser™ RGB Jr.
2. On the wireless transmitter, press the button assigned to the color program (**1**–**4)**. The Geyser™ RGB Jr. emits fog and activates the color program for as long as you hold down the button.

If the color program is set to oFF for any trigger button, only fog output is triggered when that button is pressed.

Programmable Color Selection

To select either the preset color program or one preset color to illuminate the fog using the wireless remote control, follow the instructions below:

1. Press **<MENU>** repeatedly until **CH-1–CH-4** shows on the display. Select **CH-1**, **CH-2**, **CH-3**, or **CH-4** to choose that color program.

   Note: The color program numbers correspond with the numbered buttons on the wireless transmitter.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **rAnd** (for preset color program) or **Co 1**–**Co 9** (to choose one of nine preset colors).

   Note: Select **oFF** to turn off the color program for that button.
4. Press **<ENTER>**.
5. Repeat steps 1–4 to configure the other buttons.

5. TECHNICAL INFORMATION

Fogger Maintenance

Do not allow the fogger to become clogged. After every 40 hours of continuous operation, use CHAUVET® Fog Cleaner Quart (FCQ) through the system to prevent the accumulation of particulate matter in the heating element.

The recommended cleaning procedure is as follows.

1. Unplug the product from power.
2. Empty all fog fluid from the machine.
3. Add cleaning solution to the tank.
4. Plug in the product and allow it to warm up.
5. Run the machine in a well-ventilated area until the tank is almost empty. **Do not allow the pump to run dry!**
6. Refill with fog fluid. Run the machine briefly to clear any cleaning solution from the pump and heater.

Fog Cleaner Quart (FCQ) was specifically developed by Chauvet to clean your Geyser™ RGB Jr. Make sure you use FCQ regularly, no longer than 90 days between cleanings, to increase the life of your fogger.

Storage

Before storing the fogger, run FCQ through the system as described in the cleaning procedure above; however, only follow steps 1 through 5. **Do not refill the tank with fog fluid if storing the fogger.** Cleaning the system prior to storage will help prevent any particles from condensing inside the pump or heater while not in use.

Test-run your Geyser™ RGB Jr. on a monthly basis to achieve the best performance.

General Troubleshooting

Symptom	Display	Possible Cause	Possible Action
No output or low output or fog machine is spitting fluid	"**Addr**" or "**HEAT**"	Wrong fluid	Clean thoroughly with CHAUVET® FCQ. For full instructions, see Fogger Maintenance. Refill with CHAUVET® water-based fog fluid.
		Blocked pipes or failing part	Contact Customer Service
Circuit breaker or fuse keeps blowing	Off	Excessive load on the circuit	Make sure that the total load does not exceed 80% of the breaker or fuse nominal current
		Short circuit along the power lines	Check the power lines and power cords
Product does not power up	Off	No energy on power outlet	Check power outlet Change to another outlet
		Loose or damaged power cord	Check the power cord
		Blown fuse	Replace blown fuse with a good one of the same type and rating
		Internal problem	Send product for repair
Product does not output fog	"**Addr**" or "**HEAT**"	No fluid	Turn the product off and replenish the fog fluid (use only CHAUVET® water-based fog fluid)
		Heater or pump clogged	Clean thoroughly with CHAUVET® FCQ. For full instructions, see Fogger Maintenance. Refill with CHAUVET® water-based fog fluid.
		Wired remote disconnected or defective	Make sure that the remote is connected Try the remote on another Geyser™ RGB Jr. if available
		Inappropriate wired remote operation	See Wireless Remote Control for instructions
		Wireless remote receiver not connected	Make sure that the wireless remote receiver is connected
		Wireless remote transmitter ran out of battery	Replace battery on wireless remote transmitter
		Internal problem	Send the product for repair

If you still experience problems after trying the above solutions, contact Chauvet Technical Support.

6. TECHNICAL SPECIFICATIONS

Dimensions and Weight

Length	Width	Height	Weight
16.04 in (407.5 mm)	10.39 in (264 mm)	7.55 in (191.9 mm)	16 lb (7.3 kg)

Note: Dimensions in inches rounded to the nearest decimal digit.

Power

Power Supply Type	Range	Voltage Selection
Model-specific	120 VAC, 60 Hz or 230 VAC, 50 Hz	Fixed

Parameter	120 V, 60 Hz	230 V, 50 Hz
Consumption	670 W	690 W
Operating current	5.63 A	3 A
Fuse	F 7 A, 250 V	F 7 A, 250 V

Power I/O	US/Worldwide	UK/Europe
Power input connector	IEC	IEC
Power output connector	Edison	IEC
Power Cord plug	Edison (US)	Local plug

Light Source

Type	Power	Lifespan
LED	3 W	50,000 hours

Color	Quantity	Current
Red	3	900 mA
Green	3	900 mA
Blue	3	900 mA

Operation/Capacity/ Consumption

Heat-up Time	Tank Capacity	Fluid Consumption
5 min	2.5 l	123 ml/min

Misc.

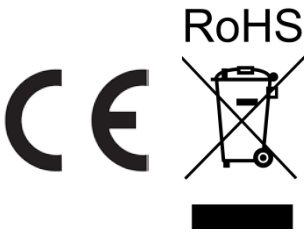
Output
13,500 cfm

Thermal

Maximum External Temp.	Cooling System
104 °F (40 °C)	Convection

Ordering

Product Name	Item Code	UPC Number
Geyser™ RGB Jr.	05070758	781462211066
Geyser™ RGB Jr. 220 V	05070761	781462211097



To return a product or request support:

- In the U.S., contact Chauvet World Headquarters.
- In the UK or Ireland, contact Chauvet Europe Ltd.
- In Mexico, contact Chauvet Mexico.
- In any other country, DO NOT contact Chauvet. Contact your distributor. See www.chauvetlighting.com for distributors outside the U.S., United Kingdom, or Ireland.

If you live outside the U.S., United Kingdom, or Ireland, contact your distributor of record and follow their instructions on how to return Chauvet products to them. Visit our website for contact details.

Returns

Call the corresponding Chauvet Technical Support office and request a Return Merchandise Authorization (RMA) number before shipping the product. Be prepared to provide the model number, serial number, and a brief description of the cause for the return.

You must send the merchandise prepaid, in its original box, and with its original packing and accessories. Chauvet will not issue call tags.

Clearly label the package with the RMA number. Chauvet will refuse any product returned without an RMA number.

Write the RMA number on a properly affixed label. DO NOT write the RMA number directly on the box.

Before sending the product, clearly write the following information on a piece of paper and place it inside the box:

- Your name
- Your address
- Your phone number
- RMA number
- A brief description of the problem

Be sure to pack the product properly. Any shipping damage resulting from inadequate packaging will be your responsibility. FedEx packing or double-boxing are recommended.

Chauvet reserves the right to use its own discretion to repair or replace returned product(s).

Contact Us

WORLD HEADQUARTERS - Chauvet

General Information
Address: 5200 NW 108th Avenue
Sunrise, FL 33351
Voice: (954) 577-4455
Fax: (954) 929-5560
Toll free: (800) 762-1084

Technical Support
Voice: (954) 577-4455 (Press **4**)
Fax: (954) 756-8015
Email: tech@chauvetlighting.com

World Wide Web www.chauvetlighting.com

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World Wide Web www.chauvetlighting.co.uk

MEXICO - Chauvet Mexico

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Lerma, Mexico C.P. 52000
Voice: +52 (728) 285-5000

Technical Support
Email: servicio@chauvet.com.mx

World Wide Web www.chauvet.com.mx

Outside the U.S., United Kingdom, Ireland, or Mexico, contact your dealer. Follow their instructions to request support or to return a product. Visit our website for contact details.